

**In the United States Patent and Trademark Office
Patent Application Transmittal**

22581 U.S. PTO
10/730322

120803

Transmitted herewith for filing is the Patent Application of:

Inventors(s): Katsuyoshi Katoh and Kazuhiko Maeda
For: Antenna Unit And Wireless Communication Apparatus
ASSIGNEE NAME: International Business Machines Corporation
ASSIGNEE RESIDENCE: Armonk, New York

Enclosed are

18 pages of specification, including 12 claims, plus 6 sheets of *formal* drawings.

An assignment of the invention to International Business Machines Corporation, Armonk, New York 10504.

A certified copy of a/an **2003-056376 Japan** application.
 Declaration and Power of Attorney. Not Fully Executed
 PTO-1449
 A return post card

Filing Fee Calculation (For Other Than Small Entity)

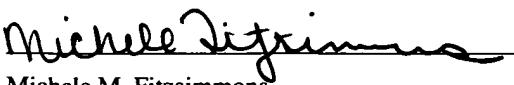
Basic Fee:					\$770.00
Claims Fees:	Filed	Limit	Extra		Rate per Extra
Total claims:	12	20	0		\$18.00
Independent claims:	4	3	1		\$84.00
Multiple Dependent Claim Presented				\$280.00	\$0.00
					Total \$854.00

Please charge Deposit Account **09-1990** for the **Total** set forth above. The Commissioner is authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or to credit any overpayment to the identified account. A duplicate copy of this sheet is enclosed.

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I hereby certify that I am depositing the papers identified above with the U.S. Postal Service "Express Mail Post Office to Address" service on the above date, addressed to the Commissioner for Patents, PO Box 1450, Alexandria, VA 22313-1450.


Michele M. Fitzsimmons

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Date: December 08, 2003

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